

HEAVY EQUIPMENT MECHANIC LEADWORKER

Class Definition

Under general supervision, leads a group of mechanics and serviceworkers; and performs advanced working level maintenance and repair on heavy equipment including City trucks, construction equipment, refuse trucks, and other vehicles and equipment.

Distinguishing Characteristics

Heavy Equipment Mechanic Leadworker is the advanced working/lead class in the Heavy Equipment Mechanic series. Used in the General Services Department, incumbents assign work to a group of mechanics and service workers using independent judgment in deciding methods of repair. Supervision is received from a Fleet Maintenance Supervisor I who is the first-line supervisor. The Heavy Equipment Mechanic Leadworker is distinguished from Heavy Equipment Mechanic II in that incumbents of the latter are not regularly required to assign work to, or provide lead direction to, lower level employees. The Heavy Equipment Mechanic series differs from the Light Equipment Mechanic series in that the focus of the latter is primarily upon automotive equipment.

Typical Tasks

(An incumbent may not be assigned all duties listed, nor do the examples cover all duties which may be assigned)

Assigns and inspects the work of skilled mechanics and other shop workers and provides technical assistance and training on new or unusually complicated installations or repairs.

Performs skilled tasks in the mechanical repair and maintenance of heavy equipment including trucks, tractors, graders, refuse trucks, and related equipment.

Inspects, adjusts and replaces heavy-duty engines, sub-assemblies and related parts including valves, pistons, main bearings, and cooling, fuel, and exhaust systems.

Repairs and overhauls brakes, ignition systems, transmissions, differentials, front and rear wheel and axle assemblies.

Removes, repairs and installs hydraulic controls.

Tunes motors using standard testing equipment.

Disassembles, repairs and reassembles air compressors, pumps and related equipment.

Inspects, repairs, overhauls and assembles electrical equipment, such as alternators, generators, distributors, magnetos and starters.

Heavy Equipment Mechanic Leadworker

Page 2

Uses mechanical hand and power driven tools and equipment such as grinders, drill presses, and other shop tools and equipment.

Performs related duties as required.

Knowledge, Abilities, and Skills

Knowledge of the methods, materials, tools and techniques used in the repair of heavy-duty equipment.

Knowledge of the operating principles of heavy-duty engines, and of mechanical repair of heavy equipment.

Knowledge of the occupational hazards and safety precautions of the trade.

Ability to assign and direct the work of skilled mechanics and other shop workers.

Ability to diagnose defects in heavy-duty equipment.

Ability to adapt available tools and repair parts to specific repair problems.

Ability to interpret and work from sketches and pencil diagrams.

Skill in the proper use of tools and machinery used in automotive repair work.

Minimum Qualifications

Two years of experience equivalent to that gained as a Heavy Equipment Mechanic II with the City of Fresno.

Necessary Special Requirement

Possession of a valid Class III California Driver's License at time of appointment and capable of acquiring a Class I License.

APPROVED: _____
Director of Personnel

DATE: _____

MR/MA/co/06/02/89
5409C/0242C